

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**MATERIALS AND TESTS DIVISION**

**MANUAL FOR FREQUENCY OF**  
**SAMPLING AND TESTING**  
**AND**  
**BASIS FOR USE OF MATERIALS**

**REVISED SEPTEMBER 2002**

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TABLE OF CONTENTS

INTRODUCTORY SHEETS  
ALPHABETICAL INDEX  
FREQUENCY MANUAL

PAGES ii THRU iv  
PAGES v THRU xi  
PAGES 1 THRU 41

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The Department Standard Specifications, Section 106.02, states that the minimum required number of samples and tests will be as set out in the Frequency Manual. This edition of the Manual was prepared to make the frequency of sampling and testing conform to the requirements of the 23 Code of Federal Regulations (CFR) 637 Subpart B.

The schedules and instructions set out herein supersede all those previously issued and are effective upon receipt for all new contracts, and for all uncompleted work on existing contracts, unless they conflict with Special Provisions or Specifications.

## **GENERAL**

The Frequency Manual is a tabulation of various items of materials and tests normally used in the construction and maintenance of highways and bridges. The manual specifies the minimum schedule necessary to satisfy the requirements for Acceptance Samples and Tests for each item. The location (i.e. job site, source, mixing plant etc.) from which samples are to be taken or tests performed is also specified for each item. INDOT intends that samples be taken or tests performed at these specified locations; however, occasional situations may develop that do not permit this. When this occurs, the DMTE must determine if an alternate situation is desirable. Samples should be taken and/or tests performed as soon as possible after material becomes available. Each sample should represent no more than the quantities set out herein. It should be understood that the frequency of samples or tests apply to quantities shown or fractions thereof. Time references made to calendar week or month are to be understood as beginning on the first day of the week or month.

Many of the items listed allow small quantities of material to be accepted without samples or tests. When this is permitted, the quantities are usually specified as approximate amounts. An occasional overrun of the minimum quantities is allowed, but generally not more than ten percent. Intentional or continual overruns of these quantities are not to be permitted.

The frequencies herein are the minimum required. The project administrators always have the right and responsibility to have a questionable product retested.

## **COLUMN FORMAT EXPLANATION**

### **Specification Reference (Spec. Ref.)**

The Department Standard Specification references are provided as a convenience for research of additional material requirements.

### **Material Code**

Individual or ranges of material codes are taken from the Department Materials And Tests Division Computer Manual. Material code(s) listed must correspond with applicable material codes from laboratory or testing reports.

NNA indicates that no material code number has been assigned to this material. Material code 6666 indicates the number used is the same as the proposal item.

## **Item**

The current edition of The Department Standard Specifications will govern over any material printed in this manual. All items listed in the current edition of the Standard Specifications which require acceptance samples and tests are listed in this manual. Items either added to or deleted from the previous manual reflect changes in the Standard Specifications. Instructions in parenthesis provide additional information, or explanation.

## **Job Control Location, Job Control Notes, and Job Control Frequency**

These columns address the location and frequency for all sampling and testing for approval for incorporation of materials into the contract. Sampling and testing is conducted by Qualified Technicians; however, out-of-state consulting firms and other State DOT's also perform sampling duties for the Department. The person or persons responsible for Acceptance Samples and Tests is not specified in this manual. The PE/PS should note that any material received at the job site which has not been approved must be sampled, tested, and approved prior to use. Questionable looking materials that have already been approved should be resampled and tested for verification. Also, material accepted by visual inspection should be checked upon installation into the job.

## **PE/PS Basis For Approval**

The Basis For Approval column has been included in this manual to clarify the responsibility of the PE/PS for the acceptance and incorporation of materials into the contract. Terms used in this column are explained as follows:

- A. Minimum Quantity Options - These materials may be accepted for use by one of the following methods:
  - 1. Visual examination, dimensional check (where applicable), and a knowledge of past performances -- This type of approval is given by the PE/PS on the basis of his own knowledge of the source of material or advice by other Department personnel. Sources listed in the Computer Manual will be considered acceptable provided they can supply materials of the required quality.
  - 2. Approval on the basis of certification -- In this case, no test sample is taken. The material is accepted either by the Type C or D Certification, or by an affidavit from the Supplier stating that the material is equal to that specified.
  - 3. Random sampling -- This is a sample taken at random intervals for various purposes of confirmation.
- B. Approval Number -- The appearance of a letter followed by a six-digit number is the notification to the PE/PS that the material has been tested and at a given period in time was approved for use.
- C. Verbally Approved Lot Or Batch Number -- For materials that are pretested and stocked by out-of-state sources, the PE/PS should call District Testing and report the contract number, material, lot or batch number, and quantity delivered. If the material has been pretested and approved, verbal approval will be issued for immediate use of the material. If a laboratory report containing a twelve-digit laboratory number is not received by the PE/PS within 14 days, the PE/PS should call District Testing and request a copy.
- D. Sequence Number -- A laboratory testing report twelve-digit sequence number which will govern over all other basis of approval. If a laboratory report containing a twelve-digit laboratory

number is not received by the PE/PS within 14 days, the PE/PS should call District Testing and request a copy.

- E. Type A, B, C, D, or Other Certifications -- When required, the PE/PS must have these documents before the material may be incorporated into the contract. The certifications are required to be in accordance with the Standard Specifications, Section 916.

### **Material Record Basis For Use**

The last column represents the two-fold purpose of this manual. It provides the PE/PS with requirements necessary to complete the Basis For Use (BFU) column on the monthly material record, Form IT-611. It also provides the PE/PS with the final report, in parenthesis, for test results which are not reported directly onto the material record. Terms used in this column are explained as follows:

- A. BFU Number For Minimum Quantity Options - The material will be accepted by one of the following methods:
  - 1. If BFU is Visual, enter C 999995.
  - 2. If BFU is Type C Certification, enter C 999993.
  - 3. If BFU is Type D Certification, enter C 999998.
  - 4. If a Sequence Number is provided, use this number in place of the above options 1, 2, or 3.
- B. BFU Number For Certification - The material will be accepted by one of the following methods:
  - 1. If BFU is Type A Certification, enter C 999991.
  - 2. If BFU is Type B Certification, enter C 999992.
  - 3. If BFU is Type C Certification, enter C 999993.
  - 4. If BFU is Type D Certification, enter C 999998.
  - 5. If BFU is Other Type Certification, enter C 999994.
- C. For BFU Number For Visual, enter C 999995. For BFU for other types of approval (stamps etc.) use C 999996. For BFU for QC/QA - HMA when there is an incomplete lot at the time of the estimate, use C 999997.
- D. For Approval Number, enter the letter and six-digit number.
- E. For Sequence Number, enter the twelve-digit laboratory number from the laboratory report. The twelve-digit laboratory number will govern over all other BFU numbers.

# ALPHABETICAL INDEX

<u>ITEM</u>	<u>REF. NO.</u>	<u>INSPECTION AND SAMPLING PROCEDURE REFERENCE *</u>
ADMIXTURES		
Air Entraining	12	Set Out Herein
Type A - Water Reducer	12	Set Out Herein
Type B - Retarder	12	Set Out Herein
Type C - Accelerator	12	Set Out Herein
Type D - Water Reducer and Retarder	12	Set Out Herein
Type E - Water Reducer and Accelerator	12	Set Out Herein
Type F - High Range Water Reducer	12	Set Out Herein
Type G - High Range Water Reducer and Retarder	12	Set Out Herein
Latex Modifier	12	Set Out Herein
AGGREGATE		Aggregate Manual
Aggregate for Underdrains, Seal Coats, Rip Rap, and Miscellaneous Uses	48	
B Borrow	22	
Hot Mix Asphalt (including dolomites)	2	
Compacted Aggregate Base, Shoulder, and Surface	23	
Concrete	8	
Subbase	24	
AGRICULTURAL LIMESTONE	38	Aggregate Manual
ANCHOR BOLTS		
Guard Rail	34	Set Out Herein
Anchor Systems	16	Prequalified Matl's
Chemical Anchor Systems (Verification Sampling Requirements)		
ASPHALT MATERIALS		
Paving Grades	1	GIFE - Sect. 42
Non-Paving Grades	1	GIFE - Sect. 42
BARRICADES - STANDARD	102	Set Out Herein
BEARING PADS - ELASTOMERIC (BRIDGE)	6	Set Out Herein
BENCH MARK POSTS - CONCRETE	80	Set Out Herein
BENT TIE BARS	16	Set Out Herein
BLOCKS - CONCRETE	77	Set Out Herein

## \* PROCEDURE REFERENCE

Inspection and Sampling Procedure for Fine and Coarse Aggregate (Aggregate Manual)  
 General Instructions to Field Employees (GIFE)  
 Manual for the Inspection of Lumber, Poles, Piles, Etc.  
 Manual for Pipe and Tile Inspectors  
 Precast Member Inspection Procedure Manual  
 Standard Specifications  
 INDOT Materials and Tests Division Computer Manual  
 Indiana Test Method (ITM)

<u>ITEM</u>	<u>REF. NO.</u>	<u>INSPECTION AND SAMPLING PROCEDURE REFERENCE *</u>
BOLTS, NUTS, AND WASHERS		
High Strength	104	Set Out Herein
Other Than High Strength	105	Set Out Herein
BONDING AGENT - FOR GROUT FINISH	21	Set Out Herein
BRICK - CLAY OR CONCRETE	77	Set Out Herein
BRIDGE RAILING AND ACCESSORIES	34	Set Out Herein
BRONZE ALLOY PLATES	50	Set Out Herein
BRONZE CASTINGS	109	Set Out Herein
CALCIUM CHLORIDE	52	Aggregate Manual
CARBON AND ALLOY STEEL FORGINGS AND CARBON STEEL SHAFTINGS	107	Set Out Herein
CASTINGS - IRON AND STEEL	108	Set Out Herein
CEMENT		
Bagged	10	GIFE
Bulk	10	GIFE
COLD MIX ASPHALT	2	Standard Spec. (ITM 580)
CONCRETE		
Admixtures	12	Set Out Herein
Aggregates	8	Aggregate Manual
Air Test	15	GIFE
Bagged	11	Set Out Herein
Cement	10	GIFE
Concrete	15	GIFE
Compressive Strength	15	Set Out Herein
Flexural Strength	15	GIFE
Fly Ash	9	Set Out Herein
Mixture Types	15	Set Out Herein
Reinforcing Steel	16	GIFE
Slump Test	15	GIFE
Water-Cement Ratio	15	GIFE
Yield Test	15	GIFE
COPPER ALLOY PLATES	50	Set Out Herein
COPPER FLASHING	49	Set Out Herein
CRACK AND JOINT FILLER/SEALANT		
Hot Applied Joint Sealing Compound	17	Set Out Herein
Preformed Elastomeric Joint Seals	17	Set Out Herein
Preformed Elastomeric Joint Seal Lubricant, Adhesive, and Backer Rod	17	Set Out Herein
Preformed Joint Filler for Concrete	17	Set Out Herein
Single Component Low Modulus Sealer/Healer (Latex Overlays)	17 113	Set Out Herein Set Out Herein
CURB - PRECAST CONCRETE	80	Set Out Herein

<u>ITEM</u>	<u>REF. NO.</u>	<u>INSPECTION AND SAMPLING PROCEDURE REFERENCE *</u>
CURING MATERIALS		
Burlap Cloth made from Jute or Kenaf	13	Set Out Herein
Concrete Sealers, Proprietary	13	Set Out Herein
Liquid Membrane Curing Materials	13	Set Out Herein
Waterproof Paper Blankets	13	Set Out Herein
White Polyethylene Sheeting (Burlap)	13	Set Out Herein
White Polyethylene Sheeting (Film)	13	Set Out Herein
DECKFORMS - PERMANENT	106	Set Out Herein
DELINEATOR POSTS		
Metal	85	Set Out Herein
Plastic	85	Set Out Herein
DELINEATORS		
Acrylic Plastic	95	Set Out Herein
Barrier	97	Set Out Herein
Reflective Sheeting	96	Set Out Herein
DRAIN TILE	62	Pipe Manual
EMBANKMENT		
Density	25	GIFE
Subgrade Treatment	26	GIFE
EPOXY PENETRATING SEALERS	18	Set Out Herein
EPOXY - RESIN BASE SYSTEM FOR BONDING PLASTIC CONCRETE TO HARDENED CONCRETE	20	Set Out Herein
FENCE		
Barbed Wire	29	Set Out Herein
Chain Link Fabric	27	Set Out Herein
Farm Field Fabric	27	Set Out Herein
Gates - Steel or Aluminum	31	Set Out Herein
Posts and Braces	30	Set Out Herein
Tension Wire	28	Set Out Herein
FERTILIZER	39	Set Out Herein
FLASHING ARROW SIGN	101	Set Out Herein
FLOWABLE MORTAR	114	Set Out Herein
FLY ASH	9	Set Out Herein
(Verification Sampling Requirements)		
GRATED BOX END SECTIONS	66	Set Out Herein
GATES - ALUMINUM OR STEEL	31	Set Out Herein



<u>ITEM</u>	<u>REF. NO.</u>	<u>INSPECTION AND SAMPLING PROCEDURE REFERENCE *</u>
GEOTEXTILES		
For Use Under Rip-Rap	55	Set Out Herein
Underdrains	55	Set Out Herein
Erosion	55	Set Out Herein
Underdrain Outlet Protectors	55	Set Out Herein
Silt Fence	55	Set Out Herein
GLASS SPHERES (BEADS)	98	Set Out Herein
GRASS SEED	40	Set Out Herein
GUARD RAIL AND ACCESSORIES		
Attenuators	36	Set Out Herein
Bridge Railing, Brackets, and Accessories	34	Set Out Herein
Guard Rail End Treatments	35	Set Out Herein
Guard Rail Posts, Braces, and Battens (Wood)	33	Set Out Herein
Steel Beam Guard Rail and Accessories	32	Set Out Herein
HANDHOLES	93	Set Out Herein
HERBICIDES	45	Set Out Herein
HIGHWAY ILLUMINATING MATERIALS	87	Set Out Herein
HOT MIX ASPHALT		
Mixture	2	Standard Specification ITM 580, ITM 802
Density	3	Standard Specification ITM 580, ITM 802
HYDRATED LIME	53	Set Out Herein
JOINT - BRIDGE (EXPANSION)	7	Set Out Herein
JOINT - PAVEMENT (CONTRACTION)	16	Set Out Herein
JOINT and CRACK FILLER	17	Set Out Herein
JOINT SYSTEMS - ELASTOMERIC	17	Set Out Herein
LATEX MODIFIED OVERLAYS	15	Set Out Herein
LEAD - SHEET	110	Set Out Herein
LIGHTS - WARNING, CONSTRUCTION (FLASHING)	90	Set Out Herein
LIME KILN DUST	53	Set Out Herein
LUMBER - UNTREATED OR TREATED	46	Lumber and Timber Manual
MAIL BOX ASSEMBLIES	54	Set Out Herein
MEDIAN BARRIERS - PRECAST CONCRETE	82, 83	Precast Concrete Manual
MICROSILICA	15	Set Out Herein

<u>ITEM</u>	<u>REF. NO.</u>	<u>INSPECTION AND SAMPLING PROCEDURE REFERENCE *</u>
MONUMENTS - CONCRETE	80	Set Out Herein
MORTAR MIX - BAGGED	11	Set Out Herein
MULCHING MATERIAL - MOISTURE	41	Set Out Herein
OVERHEAD SIGN STRUCTURES	86	Set Out Herein
PAINT		
Zinc Chromate Paint	56	Set Out Herein
All Other Paints	57	Set Out Herein
PARKING LOT BARRIERS - CONCRETE	80	Set Out Herein
PAVEMENT STRIPING		
Traffic Paint	98	Set Out Herein
Thermoplastic and Preformed Plastic	98	Set Out Herein
100 Percent Solids Epoxy	98	Set Out Herein
Marking Tape	98	Set Out Herein
Glass Spheres (Beads)	98	Set Out Herein
PAVEMENT MARKERS		
Snowplowable (Raised)	99	Set Out Herein
Temporary (Raised)	100	Set Out Herein
PILES		
Steel H, Steel Encased Concrete, and Steel Sheet	4	Set Out Herein
Wood - Treated and Untreated	5	Lumber and Timber Manual
PIPE - CONCRETE OR CLAY AND ACCESSORIES		
Asphaltic Mastic Pipe Joint Sealers	68	Set Out Herein
Concrete or Clay Pipe	58	Pipe Manual
Precast Concrete End Section	59	Pipe Manual
Precast Concrete Manholes, Inlets, Catch Basins, and Grade Rings	60	Pipe Manual
Reinforcing Steel for Concrete Pipe	69	Pipe Manual
Rubber Type Gaskets (Ring)	67	Set Out Herein
PIPE - ABS SEWER	63	Pipe Manual
PIPE - CAST IRON CULVERT	70	Set Out Herein
PIPE - CAST IRON SOIL (FOR BRIDGE DRAINS)	75	Set Out Herein
PIPE - PLASTIC CORRUGATED (DRAINAGE)	64	Set Out Herein
PIPE - STEEL	112	Set Out Herein
PIPE - STEEL (DRAIN)	76	Set Out Herein
PIPE - METAL AND ACCESSORIES		
Asphalt Material for Pipe	73	Pipe Manual
Corrugated Metal Culvert Pipe, Pipe Arches, and Underdrains	71	Pipe Manual
Metal End Sections	72	Pipe Manual
Structural Plate Pipe and Pipe Arches	74	Pipe Manual

<u>ITEM</u>	<u>REF. NO.</u>	<u>INSPECTION AND SAMPLING PROCEDURE REFERENCE *</u>
PIPE - TYPE PSM SDR-35 PVC SEWER PIPE AND PVC CORRUGATED SEWER PIPE WITH A SMOOTH INTERIOR	65	Set Out Herein
PLANTS (LANDSCAPING)	43	Set Out Herein
POLES		Lumber and Timber Manual
Wood - Treated and Untreated	46, 85	
Signs and Lighting	46, 85	
POSTS AND BRACES - METAL		
Delineator Posts	85	Set Out Herein
Fence Posts and Braces	30	Set Out Herein
Guard Rail Posts	32	Set Out Herein
Signs and Lighting	85	Set Out Herein
PRECAST CONCRETE ITEMS		
Bench Mark Posts	80	Set Out Herein
Box Sections	61	Set Out Herein
Bricks and Blocks	77	Set Out Herein
Cable Markers	80	Set Out Herein
Catch Basins	60	Set Out Herein
Curb	80	Set Out Herein
End Sections	59	Set Out Herein
Grated Box End Sections	66	Set Out Herein
Handholes	93	Set Out Herein
Inlets	60	Set Out Herein
Median Barriers	80, 82	Precast Concrete Manual
Monuments	80	Set Out Herein
Outlet Protectors	81	Set Out Herein
Parking Barriers	80	Set Out Herein
Right-Of-Way Markers	80	Set Out Herein
Rip Rap	78	Set Out Herein
Structural Members	84	Precast Concrete Manual
PROPRIETARY PORTLAND CEMENT CONCRETE SEALER	19	Set Out Herein
REINFORCING STEEL		
Anchor Systems	16	Set Out Herein
Bars - Plain or Epoxy Coated	16	Set Out Herein
Bar Mats	16	Set Out Herein
Bar Splicers	16	Set Out Herein
Bent Tie Bars and Tie Bar Assemblies	16	Set Out Herein
Dowels	16	Set Out Herein
Reinforcing Steel for Concrete Pipe	69	Set Out Herein
Spiral	16	Set Out Herein
Welded Wire Fabric	16	Set Out Herein
ROADSIDE DEVELOPMENT MATERIALS - MISC.	44	Set Out Herein
SEALER/HEALER (LATEX OVERLAYS)	113	Set Out Herein

<u>ITEM</u>	<u>REF. NO.</u>	<u>INSPECTION AND SAMPLING PROCEDURE REFERENCE *</u>
SIGNAL - TRAFFIC		
Component Materials and Equipment	92	Set Out Herein
Controller, Cabinet, and Interconnect Equip.	91	Set Out Herein
Handhole Ring and Cover	94	Set Out Herein
Handhole	93	Set Out Herein
SIGNS		
Construction	89	Set Out Herein
Traffic	88	Set Out Herein
SILICA SAND	18	Set Out Herein
SOD	42	Set Out Herein
SODIUM CHLORIDE	52	Aggregate Manual
SOIL - SPECIAL TOPSOIL	37	Set Out Herein
STEEL FORGINGS AND STEEL SHAFTINGS	107	Set Out Herein
STRUCTURAL MEMBERS		
Precast/Prestressed Concrete	84	Precast Concrete Manual
Steel	103	Set Out Herein
STRUCTURAL PLATE PIPE, PIPE ARCHES, AND ARCHES	74	Pipe Manual
STUD SHEAR CONNECTORS	111	Set Out Herein
SUBBASE	24	Aggregate Manual
SUBGRADE TREATMENT	26	GIFE
THREADED TIE BAR ASSEMBLIES	16	Set Out Herein
WATER	51	Set Out Herein
WATERPROOFING MATERIALS		
Asphalt for Waterproofing	14	Set Out Herein
Glass Fiber Mat	14	Set Out Herein
Treated Cotton Fabric	14	Set Out Herein
Woven Glass Fabric	14	Set Out Herein
WIRE - FENCE		
Barbed	29	Set Out Herein
Tension	28	Set Out Herein
ZINC - SHEET	110	Set Out Herein

# ***FREQUENCY MANUAL September 2002***

<i><b>REF</b></i>	<i><b>SUB- REF.</b></i>	<i><b>SPEC. REF.</b></i>	<i><b>MAT. CODE</b></i>	<i><b>ITEM</b></i>	<i><b>JOB CONTROL LOCATION</b></i>	<i><b>JOB CONTROL LOCATION NOTES</b></i>	<i><b>JOB CONTROL FREQUENCY</b></i>	<i><b>PE/PS BASIS FOR APPROVAL</b></i>	<i><b>MR BASIS FOR USE</b></i>
1	01 of 03	900	7101-7799	ASPHALT MATERIALS	HMA PLANT	PAVING GRADES. Material in storage for more than 60 days without testing must be sampled, tested and approved prior to use.	Approved List(s) component(s). Two 1 qt (1 L) samples per subplot (one subplot equals a twelve hour period). A lot is 1-14 sublots per calendar week (Sun.-Sat.).	Approved Supplier Certification (ASC).	N/A.
1	02 of 03	900	7801-7899	ASPHALT MATERIALS	SOURCE	NON-PAVING GRADES. SOURCES QUALIFIED to supply materials on an immediate usage basis.	Two 1 qt (1 L) samples per 1500 gal (6000 L). A tank must be resampled after replenishment or after 14 days.	"A" Number.	"A" Number.
1	03 of 03	900	7801-7899	ASPHALT MATERIALS	POINT OF DELIVERY	NON-PAVING GRADES. SOURCES NOT QUALIFIED to supply materials on an immediate usage basis or materials delivered with an approval number but not used within 14 days.	Each shipment shall be sampled, tested and approved prior to use.	Test Results.	Sequence Number.
2	01 of 08	400	3451-3465	QC/QA-HMA	JOBSITE	Schedule to apply to each type of mixture.	Approved List(s) component(s). One binder content, VMA and air voids for each subplot of base, intermediate or surface mixture.	Test Results.	Sequence Number.
2	02 of 08	S.P.	3451-3465	SMA	JOBSITE	Schedule to apply to surface course only.	Approved List(s) component(s). One binder content, VMA and air voids for each subplot.	Test Results.	Sequence Number.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
2	03 of 08	400	3100-3299 3451-3465 3500-3650	QC/QA-HMA	PLANT	Schedule to apply to each type of mixture.	Approved List(s) component(s). DOLOMITE: one sample per 1000 T (1000 Mg) of dolomite with a minimum of one sample per contract per source.	Test Results.	Sequence Number.
2	04 of 08	400	3100-3299 3500-3650	HMA	JOBSITE or MIXING PLANT	Schedule to apply to each type of mixture.	Approved List(s) component(s). No sampling required.	Type D Cert.	C999998.
2	05 of 08	400	3100-3299 3500-3650	CMA	JOBSITE or MIXING PLANT	Schedule to apply to each type of mixture.	Approved List(s) component(s). For pay items less than 250 T (250 Mg), no sample required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options, Sequence Number or C999998.
2	06 of 08	400	3100-3299 3500-3650	CMA	JOBSITE or MIXING PLANT	Schedule to apply to each type of mixture. Approved List(s) component(s).	FOR QTY'S greater than ABOVE: one sample when greater than 100 T (100 Mg) per day is produced with one binder content, CA angularity and gradation for each 1000 T (1000 Mg) of base or intermediate and for each 600 T (600 Mg) of surface per week.	Test Results.	Sequence Number or C999998.
2	07 of 08	400	3100-3299 3500-3650	CMA	JOBSITE or MIXING PLANT	Schedule to apply to each type of mixture.	Approved List(s) component(s). DOLOMITE: one sample per 1000 T (1000 Mg) of dolomite with a minimum of one sample per contract per source.	Test Results.	Sequence Number.
2	08 of 08	S.P.	3224-3226	COLD PATCHING MIX	N/A.	N/A.	Approved List(s) component(s). See 4 of 8 and 5 of 8.	Type A Cert.	C999991.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
3	01 of 02	400	3451-3455 3461-3465	QC/QA-HMA (DENSITY-MAINLINE)	JOBSITE	For each type of mixture.	Two cores required for each subplot of mainline mixture.	Test Results.	N/A.
3	02 of 02	400	3451-3455 3461-3465	QC/QA-HMA (DENSITY-SHOULDERS)	JOBSITE	For each type of mixture except for the first 330 lb/sys (180 kg/sm) over existing shoulders.	Two cores required for each subplot of shoulder mixture.	Test Results.	N/A.
4	01 of 03	900	4311-4315 or NNA	STEEL PILES	JOBSITE	UNCOATED STEEL H PILES, STEEL ENCASED CONCRETE PILES AND STEEL SHEET PILES.	Visually check for dimensions and workmanship. Mill Cert. required.	Mill Cert.	C999991 (Mill Cert. must be attached).
4	02 of 03	900	4311-4315 or NNA	STEEL PILES	JOBSITE	EPOXY COATED STEEL H PILES, STEEL ENCASED CONCRETE PILES AND STEEL SHEET PILES.	Approved List(s) component(s). Visually check for dimensions and workmanship.	Mill Cert., Certificate of Compliance by Applicator and Type C Cert.	C999991 (Mill Cert. and Type C Cert. must be attached).
4	03 of 03	900	NNA	H-PILE SPLICER COMMERCIAL	JOBSITE	UNCOATED STEEL H PILE SPLICERS.	Approved List(s).	Approval Number.	Approval Number.
5	01 of 02	900	9213	WOODEN PILES (TEMPORARY)	ANY LOCATION PRIOR TO USE	UNTREATED.	Each piece to be inspected for species, straightness and quality.	Visual.	C999995.
5	02 of 02	900	9213	WOODEN PILES (PERMANENT)	TREATMENT PLANT	TREATED.	Visually inspect each piece after treatment and perform assay tests. (Testing by Central Office unless approved otherwise).	Stamped on Both Ends.	C999996.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
6	01 of 01	900	9851-9854	ELASTOMERIC BEARING PADS (BR)	ANY LOCATION PRIOR TO USE	Allow 30 days for testing.	One sample (one pad) of each type. When shapes A and B of any type are required, only shape A shall be furnished for testing.	Sequence Number and Type B Cert.	Sequence Number. (Type B Cert. must be attached).
7	01 of 03	900	9341	EXPANSION JOINTS	JOBSITE	Type SS.	Visually inspect for dimensions and workmanship.	Type B Cert. for Elastomer and Type C Cert. for Str. Steel and Sealant.	C999992 (Type B Cert. for Elastomer, Type C Cert. for Str. Steel and Sealant must be attached).
7	02 of 03	900	9311-9322	EXPANSION JOINTS	JOBSITE, SOURCE or DISTRIBUTOR	PREFORMED ELASTOMERIC JOINT SEAL. TYPE BS, I-A AND D-1.	One 6 ft (2 m) sample containing the lot or batch number for each 3000 ft (1000 m) for each date of manufacture.	"M" Number. Type A Cert. for Joint Material and Type C Cert. for Adhesive.	"M" Number. (Type A Cert. for Joint Material, Type C Cert. for Adhesive must be attached).
7	03 of 03	900	9342	EXPANSION JOINTS	JOBSITE	TYPE M.	Visually check for dimensions and workmanship.	Type B Cert. for Elastomer and Type C Cert. for Str. Steel and Sealant.	C999992 (Type B Cert. for Elastomer, Type C Cert. for Str. Steel and Sealant must be attached).
8	01 of 01	900	2100-2900	AGGREGATE S	CAPP SOURCE	USED IN CONCRETE PLANTS.	Approved List(s).	CAPP "D" Number.	CAPP "D" Number.
9	01 of 02	900	0111-0192	CEMENT	BATCH PLANT	One 12 lb (6 kg) random verification sample required per month per source per District when directed.	Approved List(s).	Other Type Certification.	Approval Number.



<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
9	02 of 02	900	0511-0515	FLY ASH	BATCH PLANT	One 5 lb (3 kg) random verification sample required per month per source per District when directed.	Approved List(s).	Other Type Certification.	Approval Number.
10	01 of 02	900	0111-0191	BAGGED CEMENTS	JOBSITE	Portland Cements and Masonry Cements.	Approved List(s). For less than 50 bags, no sampling required.	Visual and specification reference from bag.	C999995 (List specification reference from bag).
10	02 of 02	900	0111-0191	BAGGED CEMENTS	JOBSITE	Portland Cements and Masonry Cements.	Approved List(s). For greater than or equal to 50 bags, one unopened bag for each 250 bags.	Test Report.	Sequence Number.
11	01 of 01	900	1081	BAGGED	JOBSITE	Bagged Concrete and Mortar Mixes.	All packages shall be identified as conforming to ASTM C-387.	Visual and specification reference from bag.	C999995 (List specification reference from bag).
12	01 of 02	900	8201-8249	CONCRETE ADMIXTURE	TYPE A, B, C, D, E, F, G and AIR ENT'MENT	One 1 qt (1 L) random verification sample required per year per manufacturer when directed.	Approved List(s).	Approval Number.	N/A.
12	02 of 02	900	8211	CONCRETE ADMIXTURE	LATEX MODIFIER	One 1 qt (1 L) random verification sample required per year per manufacturer when directed.	Approved List(s).	Approval Number.	N/A.
13	01 of 02	900	9611	CONCRETE CURING MATERIALS	JOBSITE	Liquid Membrane Curing Materials.	Sample once per source per contract which use greater than 1000 gal (4000 L) or as requested. When sampled do so at sprayer nozzle to obtain one 1 gal (4 L) sample.	Type A Cert.	C999991.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
13	02 of 02	900	9521-9551	CONCRETE CURING MATERIALS	JOBSITE	CONCRETE SEALERS, PROPRIETARY. One 1 qt (1 L) random verification sample required per year per manufacturer as directed.	Approved List(s). When sampled do so at sprayer nozzle.	Type C Cert.	C999993.
14	01 of 02	900	NNA	CONCRETE WATER PROOFING MATLS.	JOBSITE	Treated cotton fabric, woven glass fabric and glass fiber mat.	Visual.	Type C Cert.	C999993.
14	02 of 02	700	7613-7615 7720,7821	CONCRETE WATER PROOFING MATLS.	JOBSITE	Asphalt for waterproofing.	Each shipment shall be sampled, tested and approved prior to use.	Test Results.	Sequence Number.
15	01 of 18	500	1011-1071	CONCRETE	JOBSITE	PAVEMENT-QC/QA (Acceptance).	Approved List(s) component(s). Unit Weight and Air Content (one per 2400 syd (2000 sm)) and W/C Ratio (one per week).	Test Results.	Sequence Number.
15	02 of 18	500	1011-1071	CONCRETE	JOBSITE	PAVEMENT-QC/QA (Acceptance).	THICKNESS: two cores per 2400 syd (2000 sm).	Test Results.	Sequence Number.
15	03 of 18	500	1011-1071	CONCRETE	JOBSITE	PAVEMENT-QC/QA (Acceptance).	FLEXURAL: two beams per 2400 syd (2000 sm).	Test Results.	N/A.
15	04 of 18	500	1011-1071	CONCRETE	JOBSITE	PAVEMENT-QC/QA (Opening to Traffic).	FLEXURAL: age requirement, ITM 402, 501.23 or one beam (minimum) representing the end of each day's production.	Test Results.	N/A.

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15	05 of 18	500	1011-1071	CONCRETE	JOBSITE	PAVEMENT-NON QC/QA (Acceptance).	Approved List(s) component(s). Yield (one per 2400 syd (2000 sm)), Air Content and Slump (one per 950 syd (800 sm)) minimum one per day per test. W/C Ratio (one per 2850 syd (2400 sm)).	Test Results.	Sequence Number.
15	06 of 18	500	1011-1071	CONCRETE	JOBSITE	PAVEMENT-NON QC/QA (Acceptance).	THICKNESS: one core per 1200 syd (1000 sm).	Test Results.	Sequence Number.
15	07 of 18	500	1011-1071	CONCRETE	JOBSITE	PAVEMENT-NON QC/QA (Opening to Traffic).	FLEXURAL: age requirement, 502.18 or one beam (minimum) representing the end of each day's production.	Test Results.	N/A.
15	08 of 18	S.P.	1011-1071	CONCRETE	JOBSITE	SUPERSTRUCTURE-QC/QA (Acceptance).	Approved List(s) component(s). Unit Weight and Air Content (one per 50 cyd (40 cm)).	Test Results.	Sequence Number.
15	09 of 18	S.P.	1011-1071	CONCRETE	JOBSITE	SUPERSTRUCTURE-QC/QA (Acceptance).	COMPRESSIVE: two cylinders (minimum) per 50 cyd (40 cm).	Test Results.	Sequence Number.
15	10 of 18	700	1011-1071	CONCRETE	JOBSITE	SUPERSTRUCTURE-NON QC/QA (Acceptance).	Approved List(s) component(s). Yield (one per week for greater than 10 cyd (8 cm) per week, otherwise no test) and Air Content (two per first 50 cyd (40 cm) and one per 50 cyd (40 cm) thereafter). Test first load.	Test Results.	Sequence Number.

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15	11 of 18	700	1011-1071	CONCRETE	JOBSITE	SUBSTRUCTURE (Acceptance).	Approved List(s) component(s). Air Content (greater than 10 cyd (8 cm) per day, one per 50 cyd (40 cm) otherwise one per week).	Test Results.	Sequence Number.
15	12 of 18	700	1011-1071	CONCRETE	JOBSITE	STRUCTURES (Acceptance).	Approved List(s) component(s). Yield (>10 cyd (8 cm) per week, one per week otherwise no test), Slump (>10 cyd (8 cm) per day, one per 100 cyd (80 cm) otherwise no test) and W/C Ratio (>100 cyd (80 cm), one per week otherwise one test).	Test Results.	Sequence Number.
15	13 of 18	700	1011-1071	CONCRETE	JOBSITE	STRUCTURES (Form Removal).	FLEXURAL: age requirement, 702.13 or two beams (minimum) per day's pour.	Test Results.	N/A.
15	14 of 18	700	1011-1071	CONCRETE	JOBSITE	STRUCTURES (Load Application).	FLEXURAL: age requirement, 702.24 or two beams (minimum) per day's pour.	Test Results.	N/A.
15	15 of 18	700	1011-1071	CONCRETE	JOBSITE	STRUCTURES (Opening to Traffic, Form Removal or Load Application).	COMPRESSIVE: two cylinders (minimum) per 702.24 and contract documents for intended application.	Test Results.	N/A.

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15	16 of 18	700	1011-1071	CONCRETE	JOBSITE	MISCELLANEOUS (Acceptance).	Approved List(s) component(s). Yield and Slump (greater than 50 cyd (40cm) per month, one per month otherwise no test) and Air Content (greater than 20 cyd (16 cm) per week, one per week otherwise no test).	Test Results.	Sequence Number.
15	17 of 18	700	1011-1071	CONCRETE	JOBSITE	LATEX-MODIFIED (Acceptance).	Approved List(s) component(s). Yield (one test on first load of each mixer), Air Content and Slump (one test per load per mixer).	Test Results.	Sequence Number.
15	18 of 18	700	1011-1071	CONCRETE	JOBSITE	LATEX-MODIFIED (Opening to Traffic, Form Removal or Load Application).	COMPRESSIVE: two cylinders (minimum) per 722.10 and contract documents per intended application.	Test Results.	N/A.
16	01 of 14	900	4111-4144	REINFORCING STEEL	CERTIFIED MANUFACTURER	REINFORCING BAR-UNCOATED. Straight or Spiral.	Approved List(s). One 5 ft (1.5 m) random verification sample required per year per manufacturer as directed.	Approval Number.	Approval Number.
16	02 of 14	900	4111-4144	REINFORCING STEEL	CERTIFIED COATER	REINFORCING BAR-COATED. Straight or Spiral.	Approved List(s). One 5 ft (1.5 m) random verification sample required per year per manufacturer as directed.	Approval Number(s).	Approval Number(s).
16	03 of 14	900	4111-4144	REINFORCING STEEL	JOBSITE or NON-CERTIFIED FABRICATOR	REINFORCING BAR. Straight or Spiral.	For less than or equal to one T (one Mg) of each designation, grade and heat, no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.

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16	04 of 14	900	4111-4144	REINFORCIN G STEEL	JOBSITE or NON- CERTIFIED FABRICATOR	REINFORCING BAR. Straight or Spiral.	For greater than one T (one Mg) of each designation, grade and heat, a 6 ft (2 m) sample for each 30 T (30 Mg).	Test Results or Seal Number.	Sequence Number or Seal Number.
16	05 of 14	900	4155	REINFORCIN G STEEL	CERTIFIED COATER	DOWEL.	Approved List(s). One random verification sample required per year per manufacturer as directed.	Approval Number(s).	Approval Number(s).
16	06 of 14	900	4155	REINFORCIN G STEEL	JOBSITE or NON- CERTIFIED FABRICATOR	DOWEL.	Approved List(s) component(s). For less than or equal to 150 dowels, no sampling required.	Type C Cert. for Coating Material.	C999993 (Type C Cert. for Coating Material).
16	07 of 14	900	4155	REINFORCIN G STEEL	JOBSITE or NON- CERTIFIED FABRICATOR	DOWEL.	Approved List(s) component(s). For greater than 150 dowels, one sample for each 6000 dowels.	Test Results. (Type C Cert. for Coating Material).	Sequence Number. (Type C Cert. for Coating Material).
16	08 of 14	900	4172,4181	REINFORCIN G STEEL	JOBSITE or FABRICATOR	WELDED WIRE. Smooth or deformed.	For less than or equal to 100 syd (80 sm), no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
16	09 of 14	900	4172,4181	REINFORCIN G STEEL	JOBSITE or FABRICATOR	WELDED WIRE. Smooth or deformed.	For greater than 100 syd (80 sm), a 3 ft x 3 ft (1 m x 1 m) sample per wire size for each 20 T (20 Mg) from each source.	Test Results.	Sequence Number.
16	10 of 14	900	4168-4169	REINFORCIN G STEEL	JOBSITE	THREADED TIE BAR ASSEMBLY.	For less than or equal to 10 units, no sampling required.	Minimum Quantity Options.	C999995.

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16	11 of 14	900	4168-4169	REINFORCIN G STEEL	JOBSITE	THREADED TIE BAR ASSEMBLY.	For greater than 10 units, two complete assemblies when less than 8 ft (2.5 m), one complete assembly otherwise.	Test Results.	Sequence Number.
16	12 of 14	900	4165	REINFORCIN G STEEL	JOBSITE	SPLICING SYSTEM for reinforcing bar.	Approved List(s). Two 3 ft (1 m) bars and coupler random verification sample required per year per manufacturer as directed.	Approval Number.	Approval Number.
16	13 of 14	900	4111-4144	REINFORCIN G STEEL	JOBSITE	BENT TIE BAR.	Approved List(s) component(s). One random verification sample required per year per manufacturer as directed. Two complete bar samples when less than 8 ft (2.5 m), otherwise one complete bar sample.	Test Results.	Sequence Number.
16	14 of 14	900	9371	REINFORCIN G STEEL	JOBSITE	ANCHOR SYSTEM. Chemical.	Approved List(s). One 1 qt (1 L) random verification sample required per year per manufacturer as directed.	Approval Number.	Approval Number.
17	01 of 08	900	9353	CRACK, JOINT and LOOP SEALANT	JOBSITE, SOURCE or DISTRIBUTOR	SINGLE COMPONENT LOW MODULUS.	Approved List(s).	Approval Number.	Approval Number.
17	02 of 08	900	9355	CRACK, JOINT and LOOP SEALANT	JOBSITE, SOURCE or DISTRIBUTOR	HOT APPLIED JOINT SEALING.	For less than or equal to 15 gal (60 L), no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.

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17	03 of 08	900	9355	CRACK, JOINT and LOOP SEALANT	JOBSITE, SOURCE or DISTRIBUTOR	HOT APPLIED JOINT SEALING.	For greater than 15 gal (60 L), two 1 qt (1 L) or 12 lb (6 kg) sample from each shipment of 1000 gal (4000 L).	"M" Number.	"M" Number.
17	04 of 08	900	9311-9322	CRACK and JOINT FILLER	JOBSITE, SOURCE or DISTRIBUTOR	PREFORMED ELASTOMERIC JOINT SEALS.	One 6 ft (2 m) sample containing the lot or batch number for each 3000 ft (1000 m) for each date of manufacture.	"M" Number. Type A Cert. for Joint Material and Type C Cert. for Adhesive.	"M" Number. (Type A Cert. for Joint Material, Type C Cert. for Adhesive must be attached).
17	05 of 08	900	9311-9322	CRACK and JOINT FILLER	JOBSITE, SOURCE or DISTRIBUTOR	PREFORMED ELASTOMERIC JOINT SEAL LUBRICANT-ADHESIVE AND BACKER ROD.	Visual.	Type C Cert.	C999993.
17	06 of 08	900	9331	CRACK and JOINT FILLER	JOBSITE, SOURCE or DISTRIBUTOR	PREFORMED JOINT FILLER FOR NON-PAVEMENT AND PAVEMENT CONCRETE.	For less than or equal to 100 sys (10 sm) or if joint depth less than 6 in (150 mm), no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
17	07 of 08	900	9331	CRACK and JOINT FILLER	JOBSITE, SOURCE or DISTRIBUTOR	PREFORMED JOINT FILLER FOR NON-PAVEMENT CONCRETE.	For greater than 100 sys (10 sm), one 5 ft (1.5 m) sample of each thickness for each 1000 sys (100 sm) per shipment. If joint depth less than 6 in (150 mm), no sampling required.	Test Results.	Sequence Number.
17	08 of 08	900	9331	CRACK and JOINT FILLER	JOBSITE, SOURCE or DISTRIBUTOR	PREFORMED JOINT FILLER FOR PAVEMENT CONCRETE.	For greater than 100 sys (10 sm), one 5 ft (1.5 m) sample of each thickness for each 5000 sys (500 sm) per shipment. If joint depth less than 6 in (150 mm), no sampling required.	Test Results.	Sequence Number.



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18	01 of 03	900	9521-9531	EPOXY PENETRATING SEALERS	JOB SITE, SOURCE or DISTRIBUTOR	N/A.	One unopened 5 gal (20 L) container for each component from each lot, batch or other unit of production per shipment.	"M" Number.	"M" Number.
18	02 of 03	700	2195	SILICA SAND BAGGED	JOB SITE	N/A.	Visual.	Bag Label or MSDS.	C999995.
18	03 of 03	700	2195	SILICA SAND BULK	JOB SITE	N/A.	Visual.	Type C Cert.	C999993.
19	01 of 01	900	9551	PROPRIETARY PCC SEALER	JOB SITE	N/A.	Approved List(s). One 1 qt (1 L) random verification sample required per year per manufacturer as directed.	Approval Number.	Approval Number.
20	01 of 01	900	NNA	EPOXY (RESIN BASE SYSTEM)	JOB SITE	For bonding plastic concrete to hardened concrete.	Visual.	Type C Cert.	C999993.
21	01 of 01	300	NNA	BONDING AGENT	JOB SITE	For grout finish.	Approved List(s).	Approval Number.	Approval Number.
22	01 of 05	200	2700-2799	B BORROW, GRADATION	CAPP SOURCE	ALL USES.	Approved List(s).	CAPP "D" Number.	CAPP "D" Number.

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22	02 of 05	200	2700-2799	B BORROW, GRADATION	PIT, OTHER	FOR STRUCTURES AND FOR OTHER THAN STRUCTURES: 1 syd (0.7 cm) = 3000 lb (1.4 Mg) for material placed above water.	One test per 2000 T (2000 Mg) based on production samples into a stockpile or by over the scales measurement. Minimum two tests per contract.	Contractor's Test Results.	C999994.
22	03 of 05	200	2700-2799	B BORROW, DENSITY	JOBSITE	FOR OTHER THAN STRUCTURES: 1 syd (0.7 cm) = 3000 lb (1.4 Mg) for material placed above water.	For less than or equal to 750 ft (250 m), one in-place density test for each two-lane pavement.	Test Results.	N/A.
22	04 of 05	200	2700-2799	B BORROW, DENSITY	JOBSITE	FOR OTHER THAN STRUCTURES: 1 syd (0.7 cm) = 3000 lb (1.4 Mg) for material placed above water.	For greater than 750 ft (250 m), one in-place density test for each lift for each two-lane pavement for each 750 ft (250 m) of fill.	Test Results.	N/A.
22	05 of 05	200	2700-2799	B BORROW, DENSITY	JOBSITE	FOR STRUCTURES: 1 syd (0.7 cm) = 3000 lb (1.4 Mg) for material placed above water.	One in-place density test for each 500 cyd (400 cm). No tests required for less than 20 T (20 Mg) or 20 cyd (15 cm).	Test Results.	N/A.
23	01 of 03	300	2351-2355 2361-2365 2371-2373 2381-2383	COMP. AGG., GRADATION	SOURCE	ALL USES.	Approved List(s).	CAPP "D" Number.	CAPP "D" Number.
23	02 of 03	300	2351-2355 2361-2365 2371-2373 2381-2383	COMP. AGG., DENSITY	JOBSITE	ALL USES.	One test per 800 T (800 Mg). No test required when total depth of material is less than 2 in (50 mm).	N/A.	Test Results.
23	03 of 03	300	2351-2355 2361-2365 2371-2373 2381-2383	COMP. AGG., PI, LL and DENSITY	SOURCE	ALL USES.	District Testing will sample and test quarterly. If material is plastic, LL and PI will be tested monthly when used.	Test Results.	Test Results.

<i>REF</i>	<i>SUB- REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
24	01 of 02	300	2721-2726 2761-2766 2791-2799	SUBBASE, GRADATION	SOURCE	ALL USES.	Approved List(s).	CAPP "D" Number.	CAPP "D" Number.
24	02 of 02	300	2721-2726 2761-2766 2791-2799	SUBBASE, DENSITY	JOBSITE	ALL USES.	One test per 800 T (800 Mg). No test required when total depth of material is less than 2 in (50 mm).	Test Results.	N/A.
25	01 of 02	200	NNA	EMBANKMEN T, DENSITY	JOBSITE	Minimum number of tests required when the fill is satisfactory. Additional tests are required if necessary to control the embankment quality.	For each 750 ft (250 m), one in-place density test for each lift for each two-lane pavement (two 400 ft (120 m) lifts require one test per pavement).	Test Results.	N/A.
25	02 of 02	200	NNA	EMBANKMEN T, DENSITY	JOBSITE	Minimum number of tests required when the fill is satisfactory. Additional tests are required if necessary to control the embankment quality.	For bridges, one test per lift per approach.	Test Results.	N/A.
26	01 of 03	200	NNA	SUBGRADE TREATMENT	JOBSITE	FOR PAVEMENT (Mainline and Shoulders).	For each 750 ft (250 m), one in-place density test for each lift.	Test Results.	N/A.
26	02 of 03	200	NNA	SUBGRADE TREATMENT	JOBSITE	FOR WIDENING TRENCHES less than or equal to 5 ft (1.5 m).	For each 1800 ft (600 m), one in-place density test.	Test Results.	N/A.
26	03 of 03	200	NNA	SUBGRADE TREATMENT	JOBSITE	FOR CUTS.	When necessary to undercut, frequency to be the same as 1 of 3 and 2 of 3.	Test Results.	N/A.

<i>REF</i>	<i>SUB- REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
27	01 of 04	900	4241-4249	FENCE MATERIALS	JOBSITE or FABRICATOR	FABRIC-CHAIN LINK.	For less than or equal to 45 ft (15 m), no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
27	02 of 04	900	4241-4249	FENCE MATERIALS	JOBSITE or FABRICATOR	FABRIC-CHAIN LINK.	For greater than 45 ft (15 m), one 3 ft (1 m) full height sample for each 2400 ft (800 m).	Seal Number and Sequence Number.	Seal Number or Sequence Number.
27	03 of 04	900	4241-4249	FENCE MATERIALS	JOBSITE or FABRICATOR	FARM FIELD.	For less than or equal to 300 ft (100 m), no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
27	04 of 04	900	4241-4249	FENCE MATERIALS	JOBSITE or FABRICATOR	FARM FIELD.	For greater than 300 ft (100 m), one 3 ft (1 m) full height sample for each 15000 ft (5000 m).	Seal Number and Sequence Number.	Seal Number or Sequence Number.
28	01 of 02	900	4261-4263	FENCE MATERIALS	JOBSITE or FABRICATOR	TENSION WIRE.	For less than or equal to 1000 ft (300 m), one per contract.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
28	02 of 02	900	4261-4263	FENCE MATERIALS	JOBSITE or FABRICATOR	TENSION WIRE.	For greater than 1000 ft (300 m), one 6 ft (2 m) sample for each 18000 ft (6000 m).	Seal Number and Sequence Number.	Seal Number or Sequence Number.
29	01 of 02	900	4251-4252	FENCE MATERIALS	JOBSITE or FABRICATOR	BARBED WIRE.	For less than or equal to 1000 ft (300 m), no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
29	02 of 02	900	4251-4252	FENCE MATERIALS	JOBSITE or FABRICATOR	BARBED WIRE.	For greater than 1000 ft (300 m), one 25 ft (8 m) sample for each 24000 ft (8000 m).	Seal Number and Sequence Number.	Seal Number or Sequence Number.
30	01 of 02	900	4211-4223	FENCE MATERIALS	JOBSITE or FABRICATOR	POSTS AND BRACES.	For less than or equal to 25 each of any size or type, no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
30	02 of 02	900	4211-4223	FENCE MATERIALS	JOBSITE or FABRICATOR	POSTS AND BRACES.	For greater than 25 each of any size or type, one sample (unit) per 1000. For PO's, one sample (unit) for each size and type or per 1000.	Seal Number and Sequence Number.	Seal Number or Sequence Number.
31	01 of 01	900	4291	FENCE MATERIALS	JOBSITE	GATES-STEEL OR ALUMINUM.	Visually check for dimensions and workmanship.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
32	01 of 06	900	4512-4567	STEEL BEAM G.R. & ACCESSORIES	JOBSITE	STEEL BEAM G.R. and ACCESSORIES.	Approved List(s). For installers on certification basis, visually inspect for dimensions and workmanship.	Approval Number.	Approval Number.
32	02 of 06	900	4512-4567	STEEL BEAM G.R. & ACCESSORIES	JOBSITE (FOR INSTALLERS NOT ON IMMEDIATE USAGE BASIS).	STEEL BEAM G.R. and ACCESSORIES.	For less than or equal to 200 ft (60 m) of rail, no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
32	03 of 06	900	4512-4567	STEEL BEAM G.R. & ACCESSORIES	JOBSITE (FOR INSTALLERS NOT ON IMMEDIATE USAGE BASIS).	STEEL BEAM G.R. and ACCESSORIES.	FOR RAIL AND CHANNEL. For greater than 200 ft (60 m) of rail, one 6 ft (2 m) sample for each 10,000 ft (3000 m) of each type.	Approval Number or Sequence Number.	Approval Number or Sequence Number.

<i>REF</i>	<i>SUB- REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
32	04 of 06	900	4512-4567	STEEL BEAM G.R. & ACCESSORI ES	JOBSITE (FOR INSTALLERS NOT ON IMMEDIATE USAGE BASIS).	STEEL BEAM G.R. and ACCESSORIES.	FOR POST, POST BRACKETS, AND PADDLE POSTS. One unit for each 450 ft (150 m) of each type.	Approval Number or Sequence Number.	Approval Number or Sequence Number.
32	05 of 06	900	4512-4567	STEEL BEAM G.R. & ACCESSORI ES	JOBSITE (FOR INSTALLERS NOT ON IMMEDIATE USAGE BASIS).	STEEL BEAM G.R. and ACCESSORIES.	FOR BOLTS, NUTS, WASHERS, AND SPACERS. One sample (3 units) for each 5,000 of each length, size, diameter or type.	N/A.	N/A.
32	06 of 06	900	4512-4567	STEEL BEAM G.R. & ACCESSORI ES	JOBSITE (FOR INSTALLERS NOT ON IMMEDIATE USAGE BASIS).	STEEL BEAM G.R. and ACCESSORIES.	MISCELLANEOUS PARTS not covered in 2 of 6 thru 5 of 6 shall be sampled as requested.	N/A.	N/A.
33	01 of 03	900	9211	WOOD G.R. POSTS BRACES BATTENS	JOBSITE or SUPPLIER	SAWED TIMBER POSTS AND BLOCKS FOR THRIE- BEAM and W-BEAM GUARD RAIL.	On Certification Basis, Visual Inspection For Dimensions And Wood Defects.	Approval Number.	Approval Number.
33	02 of 03	900	9211	WOOD G.R. POSTS BRACES BATTENS	SUPPLIER or JOB SITE (FOR INSTALLERS NOT ON IMMEDIATE USAGE BASIS)	SAWED TIMBER POSTS AND BLOCKS FOR THRIE- BEAM and W-BEAM GUARD RAIL.	For greater than or equal to One Complete End Treatment: Visually Inspect For Dimensions and Wood Defects. One Sample, 20 Borer Cores, Per Source Per Preservative Charge Shall Be Taken For Each Contract.	Sequence Number. (Other Type Cert. must be attached).	Sequence Number. (Other Type Cert. must be attached).
33	03 of 03	900	9215	WOOD G.R. POSTS BRACES BATTENS	JOBSITE	OTHER WOODEN GUARD RAIL POSTS, BRACES, AND BATTENS.	Visually Inspect All Units	Indiana Stamp or Grade Mark.	C999995.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
34	01 of 02	900	4832,NNA	BR. RAILING, BRACKETS, & ACC.	JOBSITE	Bridge railing brackets and accessories.	ANCHOR BOLTS. Visual.	Type A Cert.	C999991.
34	02 of 02	900	4832,NNA	BR. RAILING, BRACKETS, & ACC.	JOBSITE	Bridge railing brackets and accessories.	ALL OTHER ITEMS. Visual.	Type C Cert.	C999993.
35	01 of 01	900	4512-4567	G.R. END TREATMENT	JOBSITE	GUARD RAIL TRANSITIONS AND END TREATMENTS FOR W-BEAM AND THRIE-BEAM RAIL SECTIONS.	Approved List(s).	Approval Number.	Approval Number.
36	01 of 01	S.P.	NNA	IMPACT ATTENUATORS	JOBSITE	ALL TYPES.	Approved List(s). Visually inspect for dimensions and workmanship.	Approval Number.	Approval Number.
37	01 of 02	900	5311	SPECIAL TOPSOIL	SOURCE	URBAN AREA USE.	For less than or equal to 15 cyd (12 cm), no sample required.	Visual.	C999995.
37	02 of 02	900	5311	SPECIAL TOPSOIL	SOURCE	URBAN AREA USE.	For greater than 15 cyd (12 cm), one 5 lb (2.5 kg) sample per source.	Sequence Number.	Sequence Number.
38	01 of 01	S.P.	2181	AG LIMESTONE	SOURCE	MISC. USE.	No sampling required.	Visual.	C999995.

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39	01 of 02	900	8438	FERTILIZER	JOBSITE	SOD/SEED.	BAGGED: Visual.	Analysis from Bag.	C999995 (Analysis from Bag).
39	02 of 02	900	8438	FERTILIZER	JOBSITE	SOD/SEED.	BULK OR LIQUID: Visual.	Weigh Ticket (must show analysis).	C999996.
40	01 of 02	900	8440-8499	GRASS SEED	SUPPLIER	SOD/SEED.	Approved List(s). All seed must be inspected and State stamped. Seed cannot be used after the expiration date.	Sequence Number from Bag Label.	Sequence Number from Bag Label.
40	02 of 02	S.P.	8499	WILD FLOWER SEED	JOBSITE	SOD/SEED.	Approved List(s). Independent lab test results reviewed by State Chemist.	Approval by State Chemist.	C999996.
41	01 of 03	900	8439	MULCH	JOBSITE	MATERIAL.	For wood cellulose fiber, excelsior blankets, and paper or straw mats, visually inspect each shipment.	Minimum Quantity Options.	C999995.
41	02 of 03	900	8439	MULCH	JOBSITE	MATERIAL.	For other types of mulch, visually inspect each shipment.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
41	03 of 03	900	8439	MULCH	JOBSITE	MOISTURE.	One test for each 20 T (18 Mg) of mulch. Additional tests when visual inspection indicates a significant amount of moisture in the mulch.	Moisture Test.	N/A.



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42	01 of 02	900	8436	SOD	JOB SITE	NURSERY.	Visually inspect each shipment.	Certificate of Nursery Inspection.	C999996 (Certificate of Nursery Inspection must be attached).
42	02 of 02	900	8436	SOD	JOB SITE	OTHER.	Visual inspection.	Visual.	C999995.
43	01 of 01	900	8437	PLANTS	JOB SITE or NURSERY	Plants to be visually inspected for quality.	Approved List(s). Sources of plants must be from DNR inspection catalog or approved by INDOT Landscape Architect. Certificate of compliance for plants required.	Approval Number.	Approval Number.
44	01 of 01	900	8431,6666	MISC. ROADSIDE DEV. MATL'S.	JOB SITE or SOURCE	N/A.	Visual.	Type C Cert.	C999993.
45	01 of 01	S.P.	8411,6666	HERBICIDES	CONTRACTOR CENTRAL STORAGE AREA	N/A.	Visually inspect for verification of manufacturer and active ingredients.	Verification of Manufacturer and Active Ingredients.	C999995.
46	01 of 04	900	9212	LUMBER, UNTREATED	JOB SITE or SUPPLIER	N/A.	Visually inspect for dimension and wood defects.	Visual and State Stamp or Grade Mark (One End Only).	C999996.
46	02 of 04	900	9212	LUMBER, UNTREATED (TEMP)	JOB SITE	N/A.	Visually inspect each item.	Visual.	C999995.

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46	03 of 04	900	9212	LUMBER, TREATED	TREATMENT PLANT	N/A.	Visually inspect each item after treatment, and perform assay test. One sample, 20 borer cores, per source per charge.	Stamped on Both Ends.	C999996.
46	04 of 04	900	9212	LUMBER, TREATED	JOBSITE or CONTRACTOR YARD	N/A.	Visually inspect for dimensions and wood defects. One sample, 20 borer cores, per source, per charge.	Stamped on Both Ends.	C999996.
47	01 of 03	900	9211,9213	WOODEN POLES, TIMBER, ETC.	JOBSITE or SUPPLIER	UNTREATED.	Visually inspect each item for dimension and wood defects.	Stamped on One End.	C999996.
47	02 of 03	900	9211 9213-9215	WOODEN POLES, TIMBER, ETC.	TREATMENT PLANT	TREATED.	Visually inspect after treatment, and perform assay test.	Stamped on Both Ends.	C999996.
47	03 of 03	900	9211 9213-9215	WOODEN POLES, TIMBER, ETC.	JOBSITE or CONTRACTOR YARD	TREATED. Contact the DMTE to request sampling.	Visually inspect for dimensions and wood defects. One sample, 20 borer cores, per source, per charge.	Stamped on Both Ends.	C999996.
48	01 of 04	400	2100-2900	AGGREGATE	SOURCE	SHOULDER DRAINS, UNDERDRAINS, SEAL COATS, AND MISCELLANEOUS USE.	Approved List(s).	CAPP "D" Number.	CAPP "D" Number.
48	02 of 04	600	2699	AGGREGATE	SOURCE	RIPRAP. Does not apply for precast cement concrete riprap.	Approved List(s).	CAPP "D" Number.	CAPP "D" Number.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
48	03 of 04	900	2990	AGG PRECAST and PRESTRESS ED	SOURCE	N/A.	Quality Test Required.	N/A.	N/A.
48	04 of 04	900	2199	AGGREGATE SNOW and ICE	SOURCE	N/A.	Quality Test Required.	CAPP "D" Number or Sequence Number from Non-CAPP Sources.	CAPP "D" Number or Sequence Number from Non-CAPP Sources.
49	01 of 02	900	4911	COPPER FLASHING	JOBSITE	N/A.	For less than or equal to 25 sys (2.5 sm), no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
49	02 of 02	900	4911	COPPER FLASHING	JOBSITE	N/A.	Visual.	Type C Cert.	C999993.
50	01 of 01	900	NNA	BRONZE OR COPPER ALLOY PLATES	POINT OF DELIVERY	N/A.	Visual.	Type A Cert.	C999991.
51	01 of 01	900	9702	WATER	SOURCE	Based on intended use.	When source is of questionable quality for intended use, consult the DMTE.	Minimum Quantity Options.	Sequence Number.
52	01 of 03	900	9110-9114	CALCIUM AND SODIUM CHLORIDE	POINT OF DELIVERY	ICE AND SNOW REMOVAL.	One 1 gal (4 L) sample for each 2,000 T (2000 Mg) per source (for gradation) and moisture. Two samples for purity per purchase order. One from the first delivery and another at mid delivery.	Sequence Number.	Sequence Number.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
52	02 of 03	900	9111-9114	CALCIUM AND SODIUM CHLORIDE	POINT OF USAGE	ALL OTHER USES.	For less than or equal to 5 T (5 Mg), no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
52	03 of 03	900	9111-9114	CALCIUM AND SODIUM CHLORIDE	POINT OF USAGE	ALL OTHER USES.	For greater than 5 T (5 Mg), one 1 gal (4 L) sample for each 200 T (200 Mg) per source.	Sequence Number.	Sequence Number.
53	01 of 02	900	NNA	HYDRATED LIME	JOBSITE	BAGGED.	One 50 lb (25 kg) sample per source per contract.	Type A Cert.	C999991.
53	02 of 02	900	NNA	HYDRATED LIME AND KILN DUST	JOBSITE	BULK.	One 5 lb (2.5 kg) sample per source per contract.	Type A Cert.	C999991.
54	01 of 01	600	NNA	MAIL BOX ASSEMBLY	JOBSITE	JOBSITE.	Visually inspect for dimensions and workmanship.	Visual.	C999995.
55	01 of 05	900	8421	GEOTEXTILE FOR RIPRAP	JOBSITE or SOURCE	Filter cloth.	Approved List(s). One 1.5 syd (1.5 sm) random verification sample required per year per manufacturer as directed.	Approval Number.	Approval Number.
55	02 of 05	900	8423	GEOTEXTILE FOR UNDERDRAINS	JOBSITE or SOURCE	N/A.	Approved List(s). One 1.5 syd (1.5 sm) random verification sample required per year per manufacturer as directed.	Approval Number.	Approval Number.

<i>REF</i>	<i>SUB-REF.</i>	<i>SPEC. REF.</i>	<i>MAT. CODE</i>	<i>ITEM</i>	<i>JOB CONTROL LOCATION</i>	<i>JOB CONTROL LOCATION NOTES</i>	<i>JOB CONTROL FREQUENCY</i>	<i>PE/PS BASIS FOR APPROVAL</i>	<i>MR BASIS FOR USE</i>
55	03 of 05	700	8423	UNDERDRAIN OUTLET PROTECTOR	JOB SITE or SOURCE	N/A.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
55	04 of 05	900	8425	GEOGRID	JOB SITE or SOURCE	N/A.	Approved List(s).	Approval Number.	Approval Number.
55	05 of 05	900	8424	SILTFENCE	JOB SITE or SOURCE	N/A.	Visual.	Type C Cert.	C999993.
56	01 of 02	900	6666	ZINC CHROMATE PAINT	JOB SITE or SOURCE	For coating aluminum surfaces when in contact with concrete.	For less than or equal to 1 gal (4 L), no sampling required.	Visual.	C999995.
56	02 of 02	900	6666	ZINC CHROMATE PAINT	SUPPLIER	For coating aluminum surfaces when in contact with concrete.	For greater than 1 gal (4 L).	"M" Number.	"M" Number.
57	01 of 02	900	8011-8044	ALL OTHER PAINT	SUPPLIER	FOR TEMPORARY STRIPING.	Visual.	"M" Number.	"M" Number.
57	02 of 02	900	8011-8044	ALL OTHER PAINT	JOB SITE or SUPPLIER	FOR ALL OTHER USES.	Approved List(s).	"M" Number.	"M" Number.

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58	01 of 04	900	8501-8599	CONCRETE OR CLAY PIPE	ANY LOCATION PRIOR TO USE	For each size and type.	Approved List(s) component(s). REINFORCED CONCRETE PIPE less than or equal to 24" (600 mm) IN DIAMETER, CLAY PIPE, AND NON-REINFORCED CONCRETE PIPE: Destructive Testing - two pieces and Absorption (2 cores for wet cast only) for each 400 pieces. Method A.	"P" Number. Type C Cert. for Re-Steel.	"P" Number. Type C Cert.
58	02 of 04	900	8501-8599	CONCRETE OR CLAY PIPE	ANY LOCATION PRIOR TO USE	For each size and type.	Approved List(s) component(s). REINFORCED CONCRETE PIPE less than or equal to 36" (900 mm) IN DIAMETER, CLAY PIPE, AND NON-REINFORCED CONCRETE PIPE. Additional quantities of five pieces or less per pay item for changed field conditions.	Type A Cert.	C999991.
58	03 of 04	900	8501-8599	CONCRETE OR CLAY PIPE	ANY LOCATION PRIOR TO USE	For each size and type.	Approved List(s) component(s). REINFORCED CONCRETE PIPE greater than 24" (600 mm): Destructive Testing - two pieces and Absorption (2 cores for wet cast only) for each 200 pieces. Method A.	"P" Number. Type C Cert. for Re-Steel.	"P" Number. Type C Cert.

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58	04 of 04	900	8501-8599	CONCRETE OR CLAY PIPE	ANY LOCATION PRIOR TO USE	For each size and type.	Approved List(s) component(s). REINFORCED CONCRETE PIPE greater than 24" (600 mm): Non Destructive Testing - Strength (2 cylinders) and Absorption (2 cores for wet cast only) for each 200 pieces. Method B or C.	"P" Number. Type C Cert. for Re-Steel.	"P" Number. Type C Cert.
59	01 of 01	900	8792	PRECAST CONCRETE END SECTIONS	SOURCE	For each size.	Approved List(s) component(s). Strength (2 cylinders) and Absorption (2 cores for wet cast only).	"P" Number.	"P" Number.
60	01 of 01	900	8711-8782	PRECAST CONCRETE UNITS	SOURCE	MANHOLES, INLETS, CATCH BASINS AND GRADE RINGS. A lot is less than or equal to 50 pieces manufactured within a 90 day period.	Approved List(s) component(s). Strength (2 cylinders) and Absorption (2 cores for wet cast only) per lot.	"P" Number.	"P" Number.
61	01 of 01	900	8501	PRECAST CONCRETE UNITS	SOURCE	REINFORCED CONCRETE BOX SECTIONS. A lot is less than or equal to 15 sections with less than a 3 day interruption in a continuous production run.	Approved List(s) component(s). Strength (2 cores) per lot.	"P" Number.	"P" Number.
62	01 of 02	900	8561-8585	DRAIN TILE	SOURCE	N/A.	For less than or equal to 100 pieces, no sampling required.	Visual.	C999995.
62	02 of 02	900	8561-8585	DRAIN TILE	SOURCE	N/A.	For greater than 100 pieces, one sample (5 pieces) for each 5,000 pieces of each size.	"P" Number (At Least 5% of Palleted Units must be Stenciled).	"P" Number.

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63	01 of 01	900	8581-8582	SEWER PIPE ABS	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
64	01 of 02	900	8584-8585	PLASTIC PIPE	JOBSITE	PLASTIC CORRUGATED DRAINAGE TUBING AND PERFORATED PLASTIC SEMI-CIRCULAR PIPE.	Approved List(s). Visually inspect for dimensions and workmanship.	Approval Number.	Sequence Number.
64	02 of 02	900	NNA	PLASTIC PIPE	JOBSITE	PLASTIC PIPE FOR USE IN CULVERTS, STORM SEWERS.	Approved List(s). Visually inspect for dimensions and workmanship.	Approval Number.	Sequence Number.
65	01 of 01	900	8583,8591	PLASTIC PIPE	JOBSITE	TYPE PSM SDR-35 PVC SEWER PIPE WITH A SMOOTH INTERIOR.	Approved List(s) component(s). Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
66	01 of 01	900	8502	GRATED BOX END SECTIONS	SOURCE	Standard Sheet ME-3. A lot is less than or equal to 50 pieces manufactured within a 90 day period.	Approved List(s) component(s). Strength (2 cylinders) and Absorption (2 cores for wet cast only) per lot.	"P" Number.	"P" Number.
67	01 of 01	900	NNA	RUBBER TYPE GASKETS (RING)	JOBSITE	N/A.	Visual.	Type B Cert.	C999992.
68	01 of 01	900	NNA	MASTIC PIPE JOINT SEALERS	JOBSITE	N/A.	Visual.	Type C Cert.	C999993.



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69	01 of 03	900	4101-4199	RESTEEL (PIPE and ACCESSORI ES)	SOURCE	FOR CONCRETE PIPE, MANHOLES, AND CATCH BASINS. Sample shall be 3 ft by 3 ft (1 m x 1 m). If cut by burning, sample shall be 4 ft by 4 ft (1.2 m x 1.2 m).	WELDED STEEL WIRE FABIC: Sample for first production run of year.	N/A.	N/A.
69	02 of 03	900	4101-4199	RESTEEL (PIPE and ACCESSORI ES)	SOURCE	FOR CONCRETE PIPE, MANHOLES, AND CATCH BASINS.	Approved List(s) component(s). BAR REINFORCEMENT: Sample for first production run of year.	N/A.	N/A.
69	03 of 03	900	8796	MANHOLE STEPS	SOURCE	FOR CONCRETE MANHOLES, CATCHBASINS AND LIFT STATIONS.	Approved List(s). One random verification sample required per year per manufacturer as directed.	Approval Number.	Approval Number.
70	01 of 01	S.P.	8611-8613	CAST IRON CULVERT PIPE	JOBSITE	N/A.	Field check for dimensions and weight.	Visual.	C999995.
71	01 of 01	900	8620-8685	PIPE	SOURCE	CORRUGATED METAL CULVERT PIPE, PIPE ARCHES, AND UNDERDRAINS.	3 samples (consisting of 3 base metal thickness' of different heat numbers) at the beginning of each calendar year, and for each 10,000 ft (3000 m) of pipe.	Seal Number.	Seal Number.
72	01 of 01	900	8691,8695	METAL END SECTIONS	SOURCE	N/A.	One sample per fabricator calendar year per gauge.	Seal Number.	Seal Number.
73	01 of 01	900	7881	ASPHALT MATERIAL FOR PIPE	SOURCE	PIPE COATNG, PAVED INVERTS, ETC.	ASPHALT MATERIAL: sample 1 qt (1 L) from the tank used in production after replenishment.	Type B Cert.	C999992.

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74	01 of 01	900	8681-8682	PIPE	ANY LOCATION PRIOR TO USE.	STRUCTURAL PLATE PIPE, PIPE ARCHES, AND ARCHES.	When material is being furnished, one sample (consisting of each base metal thickness available at time of sampling) for each 1/2 calendar year.	Seal Number (If Delivered Partially Assembled).	Seal Number.
75	01 of 02	900	8693	PIPE	JOBSITE	CAST IRON SOIL PIPE. For bridge drains.	Field check for dimensions and weight.	Visual.	C999995.
75	02 of 02	900	8591	PIPE	JOBSITE	SCHEDULE 40 PVC PIPE. For bridge drains.	Field check for schedule ID.	Visual.	C999995.
76	01 of 01	900	8694	PIPE	JOBSITE	STEEL DRAIN PIPE.	Visual.	Type C Cert.	C999993.
77	01 of 05	900	9411-9423	BRICKS AND BLOCKS	JOBSITE or SOURCE	BRICK AND BLOCK (EXCEPT CORBEL).	For lots less than or equal to 100 units, visually inspect for dimensions and workmanship.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
77	02 of 05	900	9411-9423	BRICKS AND BLOCKS	JOBSITE or SOURCE	BRICK AND BLOCK (EXCEPT CORBEL).	For lots of 101 to 1,000 units, one sample (6 units).	Sequence Number, Seal Number or Test Number From Yellow Card. (At Least 5% of Palleted Units must be Stenciled).	Sequence Number or Seal Number.

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77	03 of 05	900	9411-9423	BRICKS AND BLOCKS	JOB SITE or SOURCE	BRICK AND BLOCK (EXCEPT CORBEL).	For lots greater than 1,000 units, 10 units for each lot of 100,000 except for lots of more than 500,000 units, five units shall be taken from every 100,000 units.	Sequence Number, Seal Number or Test Number From Yellow Card. (At Least 5% of Palleted Units must be Stenciled).	Sequence Number or Seal Number.
77	04 of 05	900	9411-9423	BRICKS AND BLOCKS	JOB SITE or SOURCE	CORBEL BLOCK.	For lots of 50 units or less, visually inspect for dimensions and workmanship.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
77	05 of 05	900	9411-9423	BRICKS AND BLOCKS	JOB SITE or SOURCE	CORBEL BLOCK.	For lots greater than 50 units, one sample (3 units) for each 1,000 units.	Sequence Number, Seal Number or Test Number From Yellow Card. (At Least 5% of Palleted Units must be Stenciled).	Sequence Number or Seal Number.
78	01 of 01	900	9441	PRECAST RIPRAP	JOB SITE or SOURCE	N/A.	Approved List(s) component(s). Less than 10,000, 6 units per test; between 10,000 and 100,000, 12 units per test; greater than 100,000, 6 units for each 50,000.	Sequence Number, Seal Number or Test Number From Yellow Card. (At Least 5% of Palleted Units must be Stenciled).	Sequence Number or Seal Number.
79	01 of 01	600	9431,9432 9433,9434 9435,9436	PRECAST CONCRETE UNITS	SOURCE (AGG QUALITY TEST REQUIRED)	ALL PRECAST UNITS.	Approved List(s) component(s). Aggregate.	Quality Test.	C999996.
80	01 of 02	600	9431,9432 9433,9434 9435,9436	PRECAST CONCRETE UNITS	SOURCE	PRECAST PARKING BARRIERS, PRECAST CONCRETE CURBING, RIGHT-OF-WAY MARKERS, BENCH-MARK POSTS, CABLE MARKERS, AND MONUMENTS.	Approved List(s) component(s). For less than or equal to 20 units.	Type C Cert.	C999993.

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80	02 of 02	600	9431,9432 9433,9434 9435,9436	PRECAST CONCRETE UNITS	SOURCE	PRECAST PARKING BARRIERS AND PRECAST CONCRETE CURBING.	Approved List(s) component(s). For greater than 20 units, sample two units for strength (2 cylinders) and absorption (2 cores for wet cast only) for each 1,000 units.	Type A Cert.	C999991.
81	01 of 01	900	8506	PRECAST CONCRETE UNITS	SOURCE	OTHER CONCRETE ITEMS. Outlet protectors, etc.	Approved List(s) component(s). PRECAST UNITS: Strength (2 cylinders) and Absorption (2 cores for wet cast only) for each 200 units.	"P" Number.	"P" Number.
82	01 of 04	600	9437	PRECAST MEDIAN BARRIERS	SOURCE	PERMANENT.	AGGREGATE: Minimum of two point of use / yr / source.	N/A.	N/A.
82	02 of 04	600	9437	PRECAST MEDIAN BARRIERS	SOURCE	PERMANENT.	CEMENT: Approved List(s).	N/A.	N/A.
82	03 of 04	600	9437	PRECAST MEDIAN BARRIERS	SOURCE	PERMANENT.	Approved List(s). REINFORCING STEEL: One 5 ft (1.5 m) random verification sample required per year per manufacturer as directed. Samples less than 5 ft (1.5 m), two per 15 T (15 Mg) per size and deformation in each shipment.	N/A.	N/A.
82	04 of 04	600	9437	PRECAST MEDIAN BARRIERS	SOURCE	PERMANENT.	Strength (2 cylinders) per 100 units and Absorption (2 cores for wet cast only) per 50 units.	N/A.	N/A.

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83	01 of 01	600	9437	PRECAST MEDIAN BARRIERS	ANY LOCATION PRIOR TO USE	TEMPORARY.	Strength (2 cylinders) per 100 units.	N/A.	N/A.
84	01 of 07	700	9451-9481	PRECAST CONCRETE ITEMS	PRODUCER	PRECAST/PRESTRESSED CONCRETE MEMBERS.	AGGREGATE: Minimum of two point of use / yr / source.	Visual.	C999995.
84	02 of 07	700	9451-9481	PRECAST CONCRETE ITEMS	PRODUCER	PRECAST/PRESTRESSED CONCRETE MEMBERS.	CEMENT: Approved List(s).	N/A.	N/A.
84	03 of 07	700	9451-9481	PRECAST CONCRETE ITEMS	PRODUCER	PRECAST/PRESTRESSED CONCRETE MEMBERS.	Approved List(s). REINFORCING STEEL: One random verification sample required per year per manufacturer as directed. One 5 ft (1.5 m) sample for each 15 T (15 Mg) of each size and deformation in each shipment.	N/A.	N/A.
84	04 of 07	700	9451-9481	PRECAST CONCRETE ITEMS	PRODUCER	PRECAST/PRESTRESSED CONCRETE MEMBERS.	STRAND: Type A Certification (prestressed beams only).	N/A.	N/A.
84	05 of 07	700	9451-9481	PRECAST CONCRETE ITEMS	PRODUCER	PRECAST/PRESTRESSED CONCRETE MEMBERS.	Air and Slump (one per pour).	N/A.	N/A.

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84	06 of 07	700	9451-9481	PRECAST CONCRETE ITEMS	PRODUCER	PRECAST/PRESTRESSED CONCRETE MEMBERS.	COMPRESSIVE: 6 cylinders (minimum) per pour.	N/A.	N/A.
84	07 of 07	700	9451-9481	PRECAST CONCRETE ITEMS	PRODUCER	PRECAST/PRESTRESSED CONCRETE MEMBERS.	Each Beam.	Yellow Card Number.	C999996.
85	01 of 09	900	9214-9215	POLES AND POSTS	JOBSITE or SUPPLIER	UNTREATED WOOD.	Visual.	Stamped on One End.	C999995.
85	02 of 09	900	9214-9215	POLES AND POSTS	TREATMENT PLANT	TREATED WOOD (TEMPORARY).	Visually inspect each item after treatment.	Visual.	C999995.
85	03 of 09	900	9214-9215	POLES AND POSTS	JOBSITE or CONTRACTOR YARD	TREATED WOOD.	Visually inspect for dimensions and wood defects. One sample (20 borer cores) per charge.	Stamped on Both Ends.	Sequence Number.
85	04 of 09	900	8311-8313	POLES AND POSTS	JOBSITE or SUPPLIER	SIGN POSTS (STEEL).	For less than or equal to 25 units, no sampling required.	Type B Cert.	C999992.
85	05 of 09	900	8311-8313	POLES AND POSTS	JOBSITE or SUPPLIER	SIGN POSTS (STEEL).	For greater than 300 ft (100 m), one 6 ft (2 m) sample including at least one hole per 6000 ft (2000 m) of each type per shipment. For PO's, one sample for each 1000 units.	Seal Number or Sequence Number and Type B Cert.	Seal Number or Sequence Number.

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85	06 of 09	900	NNA	POLES AND POSTS	JOBSITE or SUPPLIER	STRUCTURAL STEEL AND STRUCTURAL ALUMINUM.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
85	07 of 09	900	8811	POLES AND POSTS	JOBSITE or SUPPLIER	DELINEATOR POSTS (METAL).	For less than or equal to 100 units, no sampling required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.
85	08 of 09	900	8811	POLES AND POSTS	JOBSITE or SUPPLIER	DELINEATOR POSTS (METAL).	For greater than 100 units, one 6 ft (2 m) for each 500 units per shipment. For P.O.'s, one sample for each 1000 units.	Seal Number or Sequence Number.	Seal Number or Sequence Number.
85	09 of 09	900	8812	POLES AND POSTS	JOBSITE or SUPPLIER	DELINEATOR POSTS (PLASTIC).	Approved List(s).	Approval Number.	Seal Number.
86	01 of 01	900	NNA	OVERHEAD SIGN STRUCTURES	JOBSITE	ALUMINUM OR STEEL.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
87	01 of 01	900	NNA	HIGHWAY ILLUMINATION MATERIALS	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
88	01 of 03	900	8327 8341-8348	TRAFFIC SIGNS	JOBSITE	SHEET SIGNS, PANEL SIGNS, FLEXIBLE ROLL-UP PRISMATIC REFLECTIVE SIGNS, LETTERS, NUMERALS, SYMBOLS, AND ACCESSORIES.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.

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88	02 of 03	900	8327 8341-8348	TRAFFIC SIGNS	JOBSITE	REFLECTIVE SHEETING.	Approved List(s).	Approval Number.	Approval Number.
88	03 of 03	900	8327 8341-8348	TRAFFIC SIGNS	JOBSITE	FIBERGLASS REINFORCED PLASTIC SIGN PANELS.	Visually inspect for dimensions and workmanship.	Type B Cert.	C999992.
89	01 of 02	800	8326	CONSTRUCT ION SIGNS	JOBSITE	NEW SIGNS.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
89	02 of 02	800	8326	CONSTRUCT ION SIGNS	JOBSITE	USED SIGNS.	Visually inspect for dimensions and workmanship.	Visual.	C999995.
90	01 of 01	900	8301-8303	CONSTRUCT ION WARNING LIGHTS	JOBSITE	CHECK BRIGHTNESS.	Visual.	Visual.	C999995.
91	01 of 01	900	9001-9009	TRAFFIC SIGNAL EQUIPMENT	JOBSITE and LAB	TRAFFIC SIGNAL CONTROLLER, CABINET, AND INTERCONNECT EQUIPMENT.	Approved List(s).	Approval Number.	Approval Number.
92	01 of 01	900	NNA	TRAFFIC SIGNAL EQUIPMENT	JOBSITE	TRAFFIC SIGNAL COMPONENT MATERIALS AND EQUIPMENT.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.



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93	01 of 01	900	NNA	TRAFFIC SIGNAL HANDHOLE CONC.	SOURCE	A lot is less than or equal to 50 pieces manufactured within a 90 day period.	Approved List(s) component(s). Strength (2 cylinders) and Absorption (2 cores for wet cast only).	"P" Number.	"P" Number.
94	01 of 01	900	NNA	TRAFFIC SIGNAL EQUIPMENT	JOBSITE	TRAFFIC SIGNAL HANDHOLE RING AND COVER.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
95	01 of 01	900	8816	ACRYLIC PLASTIC DELINEATORS	JOBSITE	N/A.	Approved List(s).	Approval Number.	Approval Number.
96	01 of 01	900	8817	REFLECTIVE SHEETING DELINEATOR	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
97	01 of 01	900	8821	BARRIER DELINEATOR	JOBSITE	N/A.	Approved List(s).	Approval Number.	Approval Number.
98	01 of 09	900	8041-8044	PAVEMENT STRIPING	JOBSITE	TRAFFIC PAINT: For temporary striping.	Approved List(s) component(s).	Visual.	C999995.
98	02 of 09	900	8041-8044	PAVEMENT STRIPING	JOBSITE or SUPPLIER	TRAFFIC PAINT: For all other uses.	Approved List(s) component(s). For less than or equal to 5 gal (20 L), no sample required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.

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98	03 of 09	900	8041-8044	PAVEMENT STRIPING	JOBSITE or SUPPLIER	TRAFFIC PAINT: For all other uses.	Approved List(s) component(s). For greater than 5 gal (20 L), one sample (1 unopened unit if containers are less than or equal to 5 gal (20 L); 1 gal (4 L) if containers are larger) for each lot or batch.	"M" Number.	"M" Number.
98	04 of 09	900	8121-8122	PAVEMENT STRIPING	JOBSITE	THERMOPLASTIC AND PREFORMED PLASTIC.	Approved List(s) component(s). Special Provision.	Type C Cert.	C999993.
98	05 of 09	900	8124	PAVEMENT STRIPING	JOBSITE	100 PERCENT SOLIDS EPOXY.	Approved List(s) component(s).	Type A Cert.	C999991.
98	06 of 09	900	8127	PAVEMENT STRIPING	JOBSITE and SOURCE	TEMPORARY PAVEMENT MARKING TAPE, TYPE I.	Approved List(s).	Approval Number.	Approval Number.
98	07 of 09	900	8128	PAVEMENT STRIPING	JOBSITE	TEMPORARY PAVEMENT MARKING TAPE, TYPE II.	Visual.	Visual.	C999995.
98	08 of 09	900	8111	PAVEMENT STRIPING	POINT OF DELIVERY	GLASS SPHERES (BEADS).	For less than or equal to 50 lb (25 kg), no sample required.	Minimum Quantity Options.	BFU Number for Minimum Quantity Options.

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98	09 of 09	900	8111	PAVEMENT STRIPING	POINT OF DELIVERY	GLASS SPHERES (BEADS).	For greater than 50 lbs (25 kg), one sample (three 50 lb (25 kg) bags each from different racks) for each lot or batch at each point of delivery.	"M" Number.	"M" Number.
99	01 of 01	900	8822	SNOW PLOWABLE RAISED MARKERS	JOBSITE	N/A.	Approved List(s). Visually inspect for dimensions and workmanship.	Approval Number.	Approval Number.
100	01 of 01	900	8831-8832	TEMP. RAISED PAVEMENT MARKERS	JOBSITE	N/A.	Approved List(s).	Approval Number.	Approval Number.
101	01 of 01	900	8321	FLASHING ARROW SIGN	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Visual.	C999995.
102	01 of 01	800	8330,8331, NNA	STANDARD BARRICADE S	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Visual.	C999995.
103	01 of 01	900	NNA	STEEL STRUCTURE S	JOBSITE or SOURCE	STRUCTURAL STEEL.	Visually inspect for dimensions and workmanship. Mill Test Report required.	Mill Test Report.	C999996 (Mill Test Report must be attached).
104	01 of 01	900	4571,4573 4581,4582 4586	STEEL STRUCTURE S	ANY LOCATION	HIGH STRENGTH BOLTS, NUTS, AND WASHERS.	Two bolts, two washers and two nuts from each heat number.	Sequence Number.	Sequence Number.

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105	01 of 01	900	4572	STEEL STRUCTURE S	JOBSITE	BOLTS OTHER THAN HIGH STRENGTH.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
106	01 of 03	900	4811	PERMANENT METAL FORMS	JOBSITE or FABRICATOR	N/A.	PANEL: One series of field tests for each gauge per shipment.	Sequence Number.	Sequence Number.
106	02 of 03	900	4812	PERMANENT METAL FORMS	JOBSITE or FABRICATOR	N/A.	ACCESSORIES: One series of field tests for each gauge, type, and size.	Sequence Number and Type C Cert.	C999993.
106	03 of 03	900	4812	PERMANENT METAL FORMS	JOBSITE or FABRICATOR	N/A.	CLIPS: One series of field tests per shipment.	Sequence Number and Type C Cert.	C999993.
107	01 of 01	900	NNA	STEEL FORGINGS AND SHAFTINGS	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Mill Test Report.	C999996 (Mill Test Report must be attached).
108	01 of 01	900	9995	CASTING (STEEL AND IRON)	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Certified Inspection Report.	C999994 (Certified Inspection report must be attached).
109	01 of 01	900	NNA	BRONZE CASTINGS	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Type A Cert.	C999991.

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110	01 of 01	S.P.	NNA	SHEET LEAD AND ZINC	JOBSITE	N/A.	Sample when directed.	Visual.	C999995.
111	01 of 01	900	NNA	STEEL STRUCTURE S	JOBSITE	STUD SHEAR CONNECTORS.	Visually inspect for dimensions and workmanship.	Mill Test Report.	C999996 (Mill Test Report must be attached).
112	01 of 01	900	8694	STEEL PIPE	JOBSITE	N/A.	Visually inspect for dimensions and workmanship.	Type C Cert.	C999993.
113	01 of 01	700	1095	SEALER HEALER (LATEX OVERLAYS)	JOBSITE	FOR SHRINKAGE CRACK REPAIR AS DIRECTED.	Approved List(s). One 1 qt (1 L) random verification sample required per year per manufacturer as directed.	Approval Number.	Approval Number.
114	01 of 02	200	1089	FLOWABLE MORTAR	JOBSITE	APPROVED MIX DESIGN.	Approved List(s) component(s). One penetrometer (3-averaged measurements) and one 3 in x 6 in (75 mm x 150 mm) cylinder flow test for each 100 cyd (75 cm). Minimum one series of tests per day.	N/A.	N/A.
114	02 of 02	200	1089	FLOWABLE MORTAR	JOBSITE	FIELD APPLICATION.	One flow test per 100 cyd (75 cm) and penetrometer testing as required by 213 for opening to traffic.	Approved Mix Design.	Sequence Number.